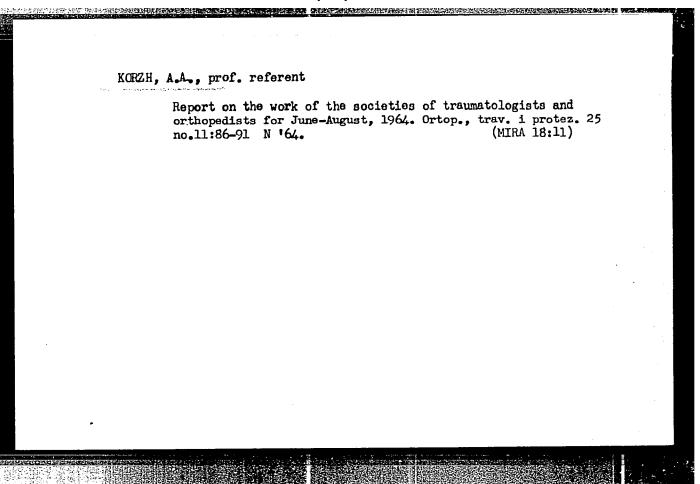
KOVALENKO, P.P., prof.; DEMICHEV, N.P. (Rostov-na-Donu); KORZH, A.A., prof. (Khar'kov).

Reviews. Ortop., travm. 1 protes. 26 no.8:86-91 Ag '65. (MIRA 18:9)



NOVACHENKO, N.P., prof. (Kher'kov); KORZH, A.A. (Kher'kov);
SKGELIN, A.P. (Kher'kov)

Surveys and book reviews. Ortop., travm. i protez. 25 no.12;
67-73 D '64. (MIRA 19:1)

1. Chlen-korrespondent AMN SSSR (for Novachenko).

KORZH, A.A., prof.

Osteoplastic fixation of the spine in serious forms of spondylolisthesis. Ortop., travm. i protez. 26 no.4:40-43 Ap. 165.

(VIRA 18:12)

1. Iz kafedry ortopedii i travmatologii (zav. - chlen-korrespondent AMN SSSR prof. N.P.Novachenko) Ukrainskogo instituta usovershenstvo-vaniya vrachey (rektor - dotsent I.I.Ovsiyenko).

BERNADYUK, Z.A.; LEVCHENKO, D.N.; PUSHKAREV, V.P.; CHIRIMANOV, P.A.; KORZH, A.F.; ZHURAVLEV, K.A.; KOVALENKO, N.F.

Petroleum desalting in electro-desalting units in the presence of the OP-10 nonionogenic demulsigying compound. Khim.i. tekh.topl.i masel 5 no.9:31-37 S '60. (MIRA 13:9)

1. Novo-Gor'kovskiy neftepererabatyvayushchiy zavod i Vsesoyuznyy naucnno-issledovatel'skiy institut po pererabotke nefti i polucheniyu iskusstvennogo zhidkogo topliva.

(Petroleus-Refining-Desalting)

KOLLODIY, K.K.; KORZH, A.P.

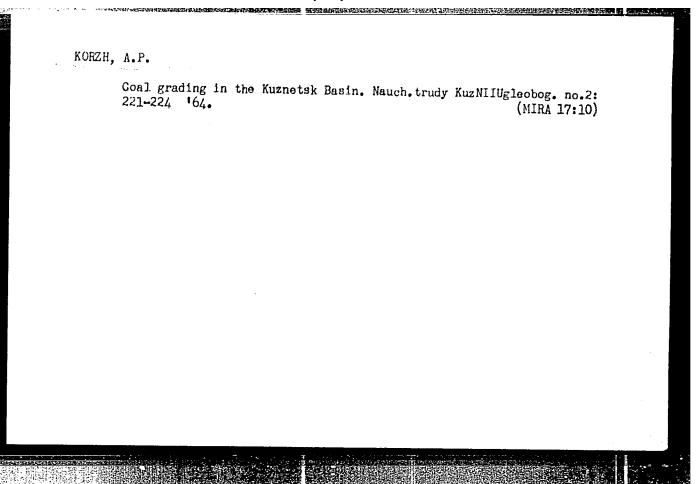
Basic trends in the increase of lobar productivity in Kuznetsk Basin coal preparation plants. Ugol'37 no.1:44-47 Ja '62.

(MIRA 15:2)

1. Kuznetskiy proyektno-konstruktorskiy i nauchno-issledovatel'skiy institut po obogashcheniyu i briketirovaniyu ugley.

(Kuznetsk Basin-Coal preparation plants-Labor productivity)

Mechanical Coal preparation in the Kuznetsk Basin. Nauch.trudy KuzNIIU-gleobog. no.2:70-77 '64. (MIRA 17:10)



SHAPIRO, G.A., podpolkovník meditsinskog sluzhby, kandidat meditsinskikh nauk; KORZH, A.V., mayor meditsinskog sluzhby.

Treating logoneuroses. Voen.-med. *hur. no.9:52-54 S '55.
(STARMARIEG)

(MLRA 9:9)

KORZH, B. A., Cand Vet Sci -- (diss) "Materials on experimental tuberculosis in the young of hens." L'vov, 1960. 24 pp; (Ministry of Agriculture Ukrainian SSR, Khar'kov Zooveterinary Inst); 150 copies; price not given; (KL, 50-60) 735

DORONIN, N.N., prof.; MURATOV, S.I., dotsent; KORZH, B.A., dotsent; GEVKAN, I.I., kand. veter. nauk; KARABIN, Ye.V., assistent

Studying tuberculosis in cattle infected with the pathogen of the avian type. Veterinariia 42 no.11:34-35 N 165.

(MIRA 19:1)

1. L'vovskiy zootekhnichesko-veterinarnyy institut.

L 08323-67 EWT(m)/EWP(t)/ETI/EWP(k) IJP(c) JD/HW

ACC NR: AR6033785 SOURCE CODE: UR/0058/66/000/007/E050/E050

AUTHOR: Korzh, E. D.; Korzh, V. P.

39

TITLE: Determination of heat volume released during plastic deformation of a medium with nonlinear strengthening

SOURCE: Ref. zh. Fizika, Abs. 7E373

REF SOURCE: Uch. zap. Ural'skogo un-ta. Ser. fiz., vyp. 1, 1965, 151-154

TOPIC TAGS: plastic deformation, heat, strengthening

ABSTRACT: The diagram of a plane deformation is used to describe the compression of a sample by die blocks of different widths. The equation of the condition of the deformed medium is postulated in the form of $\delta=\delta_1+E_\epsilon$, in which δ is the stress, ϵ is the deformation, α is the indicator, E is the strengthening modulus, and δ is the yield point. The quantitative correlation between the deformation energy transformed into heat, and the total deformation energy, is derived by a standard method. Y. N. [Translation of abstract]

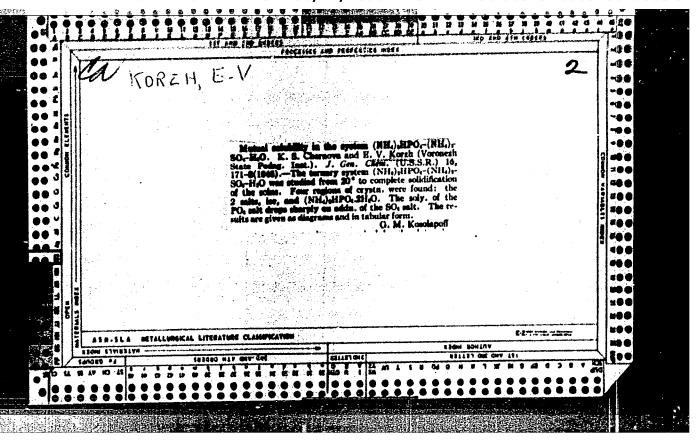
SUB CODE: 20/

Cord 1/1 nst

BERDYSHEV, A.A.; KORZH, E.D.

Exchange interaction of internal and external electrons of transition metals. Fiz. met. i metallowed. 12 no.4:476-479 0 '61. (MIRA 14:11)

1. Ural'skiy gosudarstvennyy universitet imeni A.M. Gor'kogo.
(Ferromagnetism)
(Free electron theory of metals)



AID P - 2922

Subject

Programme St.

: USSR/Electricity

Card 1/1

Pub. 26 - 19/32

Author

Korzh, F. T., Eng.

Title

Cleaning turbine condensers with no load decrease

Periodical: Blek. sta., 7, 51, J1 1955

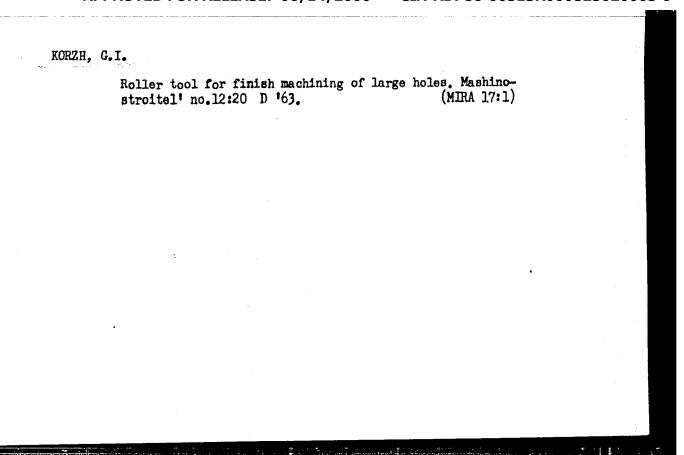
Abstract

: The method of cleaning the condenser of one large power plant supplied with water from a pumping station with a flow of water mixed with sand is discussed. Tables with data on condensers and on

results of the experiments are given.

Institution: None

Submitted : No date



KORZH, G.V., inzh.

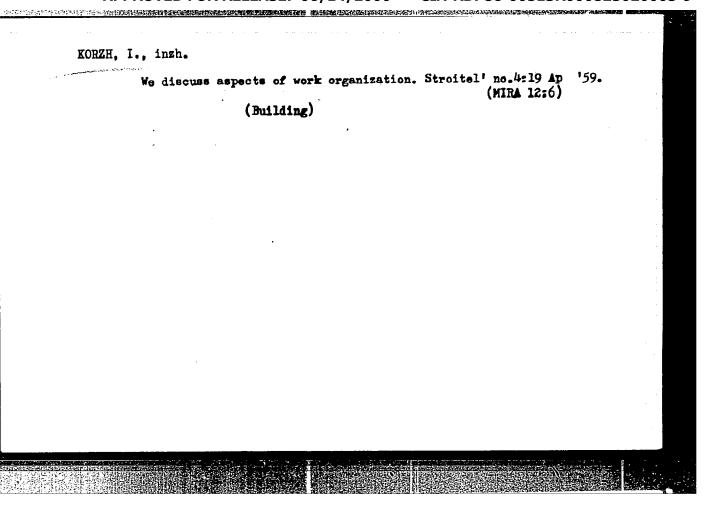
Result of observations on mining operations with the use of shield supports in Moscow Basin longwalls. Izv.vys.ucheb. zav.; gor.zhur. no.11:3-8 58. (MIRA 12:8)

1. Moskovskiy gornyy institut.
(Moscow Basin---Mine timbering)

KORZH, G. V., Candidate Tech Sci (diss) -- "Controlling the roofs in the shield lavas of the Moscow Basin". Moscow, 1959. 14 pp (Min Higher Educ USSR, Moscow Mining Inst im I. V. Stalin), 150 copies (KL, No 22, 1959, 115)

ROSHCHUPKIN, Igor' Georgiyevich, dots.; ANAN'IN, Gleb Pavlovich, dots.; ARSLANOV, Nikolay Konstantinovich, dots.Prinimali uchastiye: KOLONCHUK, V.M., inzh.; SIDOROV, N.A., inzh.; POL'ZIKOV, I.N., dots.; KORZH, G.V., kand. tekhn. nauk; BARANOV, A.I., otv. red.; OKHRIMENKO, V.A., red. izd-va; SABITOV, A., tekhn. red.

[Working mineral deposits] Razrabotka mestorozhdenii poleznykh iskopaemykh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1962. 590 p. (MIRA 1514) (Mining engineering)



KORZH, I.A.; KOPYTIN, N.S.; PASECHNIK, M.V.; PRAVDIVYY, N.M.; SKLYAR, N.T.;
TOTSKIY, I.A.

Scattering of 0.5 and 0.8 Mev. neutrons by light and medium nuclei.
Atom energ. 16 no.3:260-262 Mr '64. (MIRA 17:3)

PASECHNIK, M.V.; BATALIN, V.A.; KORZH, I.A.; TOTSKIY, I.A.

Scattering of 0.5 and 0.8 Mev. neutrons by medium and heavy nuclei.

Atom energ. 16 no.3:207-211 Mr '64. (MIRA 17:3)

KORZH. I.A. [Korzh, I.O.]; KOPYTIN, N.S. [Kopytin, M.S.]; PASECHNIK, M.V. [Pasichnyk, M.V.]; PRAVDIVYY, N.M. [Pravdyvyi, M.M.]; SKLYAR, N.T. [Skliar, M.T.]; TOTSKIY, I.A. [Tots'kyi, I.A.]

Elastic scattering of 0.65 Mev. neutrons by atomic nuclei. Ukr. fiz. zhur. 8 no.12:1323-1327 D '63. (MIRA 17:4)

1. Institut fiziki AN UkrSSR, Kiyev.

KORZH, I.A. [Korzh, I.O.]; SKLYAR, N.T. [Skliar, M.T.]

Angular distribution of 0.3 Mev. neutrons elastically scattered by atomic nuclei. Ukr. fiz. zhur. 8 no.12:1389-1391 D '63. (MIRA 17:4)

1. Institut fiziki AN UkrSSR, Kiyev.

KORZH, I.A. [Korzh, I.O.]; SKLYAR, M.T.; TOTSKIY, I.A. [Tots'kyi, I.A.]

Differential cross sections of neutrons elastically scattered by Si, Cr, Zr, Pb, and Bi nuclei. Ukr. fiz. zhur. 9 no.5:577-578 My '64. (HIRA 17:9)

1. Institut fiziki AN UkrSSR, Kiyev.

ACCESSION NR: AP4020339

s/0089/64/016/003/02**60/0262**

AUTHOR: Korzh, I. A.; Kopy*tin, N. S.; Pasechnik, M. V.; Pravdivy*y, N. H.; Skiyar, N. T.; Totskiy, I. A.

TITLE: Scattering of neutrons with energies of 0.5 and 0.8 Hev. in light and intermediate nuclei

SOURCE: Atomnaya energiya, v. 16, no. 3, 1964, 260-262

TOPIC TAGS: neutron scattering, light nucleus, intermediate nucleus, threshold detector, anisotropy, neutron C, Na, Mg, Al, Ni, Cu, Se, Te

ABSTRACT: Measurements of angular distributions of elastically scattered neutrons with energies of 0.5 and 0.8 Mev. in light and intermediate nuclei (C, Na, Mg, Al, Ni, Cu, Se, Te) were completed in 1959 by a method described by M. V. Pasechnik, ("Atomnaya energiya", 16, 1964, 207). A detector was selected as threshold in order to prevent the recording of nonelastic scattered neutrons. Taking this threshold into account, the scattering of neutron energy was ± 50 kev. for both neutron energies so that the results regarding resonances for all tested nuclei may be considered as average. Measurements were conducted for 8

Card 1/2

KORZH, I.A. [Korzh, I.O.]; SKLYAR, H.T. [Skliar, M.T.]; TOTSEIT, I.A.

[Tots:kyi, 1.A.]

Scattering of 300, 500, and 800 Kev. neutrons by Me, Sb, W, and U nuclei. Ukr. fiz. zhur. 9 no.9:930-932 S '64.

(MIRA 17:11)

1. Institut fiziki AN UkrSSR, Kiyev.

KORZH, I.A. [Korzh, I.O.]; KASHUBA, I.Ye. [Kashuba, I.IE.]

Elastic scattering of 0.8 Mev. neutrons, and an optical nuclear model. Ukr. fiz. zhur. 10 no.6:586-596 Je '65. (MIRA 18:7)

1. Institut fiziki AN UkrSSR, Kiyev.

KORZH, I.A.; KASHUBA, I.Ye.; TOTSKIY, I.A.

Elastic scattering of medium-energy neutrons, and an optical nuclear model. Izv. AN SSSR. Ser.fiz. 29 no.5:862-867 My '65. (MIRA 18:5)

1. Institut fiziki AN UkrSSR.

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CIA-RDP86-00513R000825020005-9

L 16657-66 EWT(m)/EPF(n)-2/EWA(h)
ACC NR: AP6005524 (N)

SOURCE CODE: UR/0089/66/020/001/0008/0017

AUTHOR: Korzh, I. A.; Pasechnik, M. V.; Totskiy, I. A.

30

ORG: none

5

TITLE: Scattering of moderate energy neutrons 19, 44, 55

SOURCE: Atomnaya energiya, v. 20, no. 1, 1966, 8-17

TOPIC TAGS: neutron scattering, thermal neutron, elastic scattering, inelastic scattering, nuclear scattering, nuclear shell model, optic model

ABSTRACT: This paper is a brief review of research on scattering of neutrons in the intermediate energy range using the electrostatic generator at the <u>Institute of Physics AN UkrSSR</u>. Data are given on inelastic scattering of neutrons with energies of 0.8, 2.5, 3.3, 3.6 and 4.1 Mev by nuclei of the following elements: C, Na, Mg, Al, P, S, Cl, Ca, Cr, Fe, Co, Ni, Cu, Zn, Se, Zr, Mo, Ag, Cd, Sn, Sb, Te, I, Ba, W, Hg, Pb, Bi and U. The resultant data were used for establishing the effect of nuclear shells in inelastic scattering of neutrons. The angular distribution of elastically scattered neutrons with energies of 0.3, 0.5, 0.65 and 0.8 Mev by the nuclei

UDC: 539.171.016+539.171.017+539.172.4

Card 1/2

L 16657-66 ACC NR: AP6005524

of 25 elements were studied in a wide range of mass numbers: C, Na, Mg, Al, Si, K, Cr, Fe, Ni, Cu, Zn, Se, Zr, Mo, Ag, Cd, Sn, Sb, Te, Ba, W, Hg, Pb, Bi, and U. The experimental data on angular distribution of elastically scattered neutrons were used for verifying the applicability of the optical model of the nucleus for describing processes of elastic scattering at an energy lower than 1 Mev. Orig. art. has: 6 figures, 3 tables.

SUB CODE: 20/ SUBM DATE: 17Mar65/ ORIG REF: 019/ OTH REF: 008

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Card 1/2

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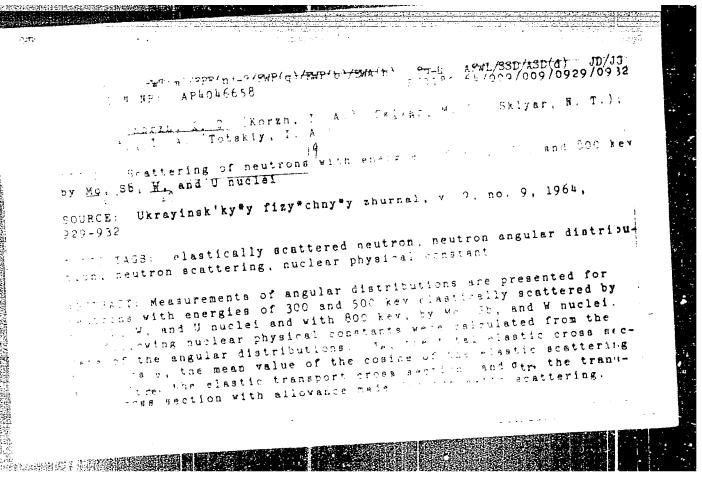
ACC NR: AP6016050

C

Element	Energy of neutron from photoneutron source En,	Total cross section ot, barn	Total cross section ot, barn calculated	Elastic scattering cross section	Сов 🖯	Transport cross section at elastic scattering of tre, barn
Ti Co	0.3 0.5 0.5 0.8	2.79 2.42 4.48 3.42	2.85 2.72 3.54	2.69±0.19 2.57±0.10 4.77±0.24 3.73±0.26	0.14±0.02 0.17±0.01 0.13±0.01 0.21±0.03	
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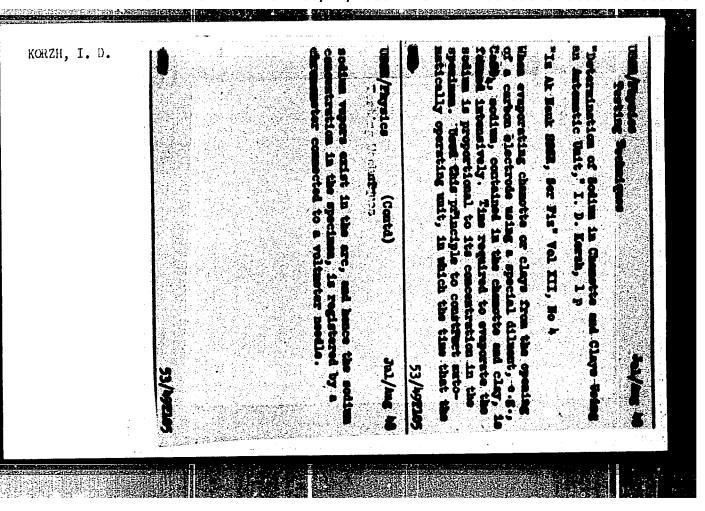


ACCESSION NR: APhob6658

Orig. art. has: 3 figures, 2 formulas, and 1 table.

ASSOCIATION: Instyctut figycky* AN URSR. Kiev (Physics Institute, AN 1888.

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KORZH	, L.I.	
	Efficient cooperation with the veterinary service of Afghanistan. Veterinariia 41 no.10:110-111 0 64. (MIRA 18	:11)
		· · · · · · · · · · · · · · · · · · ·

KORZH, M.I.; RAYKHEL'S, Ye.I.; FAL'KO, I.I.

Changes in linear dimensions of piston pins due to the running of the engine. Avt.prom. 28 no.1:41-43 Ja '62. (MIRA 15:2)

1. Khar'kovskiy zavod "Serp i molot" i Khar'kovskiy universitet imeni Gor'kogo.

(Pistons)

s/262/62/000/022/003/007 E073/E435

Korzh, M.I., Raykhel's, Ye.I., Fal'ko, I.I.

On changes in the linear dimensions of piston pins AUTHORS:

during operation of the engine TITLE:

PERIODICAL: Referativnyy zhurnal. Otdel'nyy vypusk. Silovyye ustanovki, no.22, 1962, 34, abstract 42.22.200.

(Avtomob. prom-st'. no.1, 1962, 41-43)

The results are given of investigations of the causes of increase in the linear dimensions of piston pins of the experimental diesel engine CMA-14 (SMD-14) during operation and methods of combating this phenomenon are described. established that the increase in the dimensions of the piston pins was due to the presence of a high, percentage of austenite (up to 30%) in the case-hardened layer. The austenite-tomartensite transformation during tempering of the piston pins (180 to 240°C) was accompanied by an increase in volume which is the greater the higher the tempering temperature. of the austenite content to 10% was achieved by changing the The components were hardened from the lower limit of the hardening temperature range, about Card 1/2

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On changes in the linear ...

5/262/62/000/022/003/007 E073/E435

790°C) and tempering was at 220 to 240°C with a holding time of about 1.5 hours. By means of this heat-treatment the increase in the linear dimensions was reduced from 20 to 10 μ . Subsequent experiments have shown that holding components at -70°C for 4 hours reduces the austenite content of the case-hardened layer to zero and, in this case, there was no increase in the linear dimensions of the piston rings.

Abstractor's note: Complete translation.

KORZH, M.I.

Improving cavitational qualities of diesel water pumps.

Trakt. i sel'khozmash. no.ll:ll-l2 N '65. (MIRA 18:12)

l. Gosudarstvennoye spetsial noye konstruktorskoye byuro po dvigatelyam.

KORZH, M.I.; VAKHTEL', V.Yu.; SUKHORUKOV, G.A.; KUBATA, M.K.

Improving the work of the cooling system of the SMD-14 engine. Trakt. i sel'khozmash. no.7:14-16 Jl '64. (MIRA 18:7)

1. Gosudarstvennoye spetsial'noye konstruktorskoye byuro po dvigatelyam.

DIDENKO, A.M., inzh.; KORZH, M.I., inzh.; KISEL', P.S., inzh.; KHALFEN, A.Z., inzh.

Cavitation damages in the cylinder sleeves of engines.

Mashinostroenie no.3:95-97 My-Je '65. (MIRA 18:6)

KORZH, M.O., inzh. (Kharkov).

From Pechora to the Caspian. Nauka i zhyttia 11 no.6:20-22 Je '61.

(Caspian Sea-Hydrology) (Pechora River-Regulation)
(Wychegda River-Regulation)

orzh, M.V.

'AUTHOR:

Korzh, M.V.

5-6-4/42

TITLE:

Paleogeography of the Triassic Period in the Southern Part of the Far East Maritime Region (Paleogeografiya triasovogo perioda v yushnom Primor'ye)

PERIODICAL:

Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskiy, 1957, #6, pp 57-79 (USSR)

ABSTRACT:

The author presents a stratigraphic columnar section of Triassic deposits in the Maritime region of the Far East, compiled on the basis of a critical analysis of the existing stratigraphic schemes and his own observations. Following the scheme proposed by P.N. Kropotkin (Ref. 10) the author distinguishes 8 large structural units in the south-eastern part of the Maritime region: 1. The Khanka tectonic massif; 2. The Suyfun synclinal zone; 3. The Daubikha synclinal zone; 4. The Murav'yev anticlinorium; 5. The Suchan synclinal zone; 6. The main anticlinorium of the Sikhote-Alin'; 7. The main synclinorium of the Sikhote-Alin', and 8. The coastal anticlinal zone.

The anticlinal zones listed are mainly made of considerably dislocated Carboniferous and Permian deposits penetrated with granite intrusions. These zones, subjected to intensive folding and considerable lifting at the end of the Permian period,

Card 1/3

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00519R000825020005 Paleogeography of the Triassic Period in the Southern Part of the Far East Maritime Region.

continued their development also in the Mesozoic period. The synclinal zones are filled in with mainly Mesozoic and Cenozoic deposits.

Thus, by the end of the Permian period the southern Maritime region was a folded, strongly dissected mountainous country with a whole system of ranges (anticlinoria) and depressions (synclinal zones) separating them.

The author depicts the conditions of sedimentation during the Lower-, Middle- and Upper-Triassic epochs, gives detailed characteristics of the facial peculiarities of the sediments, and considers the problems of paleogeography which changed considerably in the Triassic period due to numerous transgressions and regressions of the sea.

As to the climate of that period, the author concludes that it was hot and arid during the Lower-Triassic epoch, moderately warm during the Middle-Triassic epoch, and warm and humid during the Upper-Triassic epoch.

The Ussuri basin was connected with the Tethys during the Lower- and Middle-Triassic epochs, which is proved by the

Card 2/3

KORZH, MK,

20-6-32/48

AUTHOR:

Korzh, M.V.

TITLE:

On the Problem of the Stratigraphy of the Triassic Deposits of South Primorye (K voprosu o stratigrafii Triasovykh otlozheniy yuzhnogo Primor'ya)

PERIODICAL:

Doklady AN SSSR, 1957, Vol. 115, Nr 6, pp. 1169 - 1172 (USSR)

ABSTRACT:

Triassic deposits are widely spread here. The marine deposits of the Lower and the Middle Triassic, which are faunally characterized, are to be found south of the mountaineous country Sikhote-Alin and are unknown north of the latitude of Voroshilov. There only Upper Triassic occurs. The following stratigraphy is suggested: LOWER - TRIASSIC - T,

Indus-stage - T4

Horizon of basal conglomerates - T₁¹a. With this the cross section of Lower Triassic deposits starts everywhere in the South-Pacific region. The conglomerates are deposited transgressively and discordantly on sedimentary-volcanogenic formations of the Upper Palaeozoic: on fresh water-continental Permian sediments, Upper Permian granites. Upper Palaeozoic limestones etc. Meecococeras horizon - T₁¹b. The conglomerates are constantly re-

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On the Problem of the Stratigraphy of the Triassic Deposits of South Primorye

placed by a stratum of monotonous sandstones with an ammonite-fauna. Flemingite-horizon - Tiv. Those are fine-layered clay schists and argillites which lie higher. To the Olenek-stage Tia belongs the Subcolumbite-horizon Tia, which concludes the cross section of the Lower Triassic at the top. It consists of alternating deposits of dark-gray and black fine-layered sands stones, aleurolites and argillites.

MIDDLE - TRIASSIC - T₂
Anizian stage - T₂

Horizon of streaky sandstones and aleurolites. - T2. On the preceding stage are quite concordantly deposited polymyctic gray sandstones and aleurolites with fossils of worm matrices and trails of benthos animals as well as problematic fossils of algae. Horizon of the Arkoz-quartzite-like sandstones. - T1b. Those are uniform white and light-gray various grained sandstones. Badly faunally characterized. Ladinsk-(?Ladin)-stage. - T2. To it belongs the horizon of black argillites and clay schists (Daonella-horizon). - T2a. The former gradually passes over into it. This horizon is very steady and widely distributed in

Card 2/4

20-6-32/48

On the Problem of the Stratigraphy of the Triassic Deposits of South Primage

the region. It consists of pyritized rocks with loaf-like lime and marl concretions. The horizon of the light-gray Arkoz sandstones. - T2b, concludes the Middle Triassic cross section. It is 160 - 500 m thick and consists of light-gray and white coarse-grained sandstones with badly preserved flora.

UPPER - TRIASSIC - T3

Karnian stage - T₃

Lower Mongugay suite. - T₂^{1a} (probably misprint - it should be T₃ instead of T₂, abstractor's remark). The Upper Triassic cross section begins with carboniferous sediments of this suite of various composed sandstones. Rich thermophilic flora. Lower Monotis suite. - T_3^{1b} . The Mongugay sediments are gradually replaced by the stratum of marine terrigeneous deposits of the above-mentioned suite. Those are on the whole tuf_aceous polymyctic sandstones and aleurolites, overfilled with fauna-containing, carbonized plant detritus. Norian stage. - T2 . To it belongs the Upper Mongugay suite. Consisting of alternating deposits of tufaceous and "Grayvakk"-sandstones, aleurolites, coaly-clay schists and rarely of conglomerates. In the middle

Card 3/4

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R00082502000

20-6-32/48 On the Problem of the Stratigraphy of the Triassic Deposits of South Primaye

part coal-seams occur and everywhere an abundant fauna, related with the Lower Mongugay suite. 200 m thick. Upper Monotis suite. Its marine deposits conclude the Triassic cross section on the top. They are only limitedly spread in the region and grew mostly in the post Triassic period. The problem of the Rhaetian stage remains unsolved for this region. Examples of the fauna and flora found are given everywhere. There are 6 Slavic references.

ASSOCIATION:

Petroleum Institute AN USSR (Institut nefti Akademii nauk SSSR)

PRESENTED:

by N.M. Strakhov, Academician, March 25, 1957

SUBMITTED:

March 20, 1957

AVAILABLE:

Library of Congress

Card 4/4

KORZH, M. V., Cand Geol-Min Sci — (diss) Petrography of Triassic deposits of southern Primor'ye and paleography of period, during which they were formed. Mos, 1958. 18 pp (Acad Sci USSR, Inst of Petroleum), 120 copies (KL, 18-58, 96)

-27-

KORZH, M.V.

Concretion and concretion formations in Triassic sediments of the southern Maritime Territory. Trudy Inst.nefti 9:143-154 158. (MIRA 12:4)

(Maritime Territory -- Concretions)

KCRZH, M. V., Candidate Geolog-Mineralog Sci (diss) -- "The petrography of the Triassic deposits of scuthern Primor'ye and the paleography of the time of their' formation". Moscow, 1959. 18 pp (Acad Sci USSR, Inst of Geology and Working of Mineral Fuels), 120 copies (KL, No 24, 1959, 130)

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PHASE I BOOK EXPLOITATION

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Korzh, Mikhail Vasil'yevich

- Petrografiya triasovykh otlozheniy Yuzhnogo Primor'ya i paleogeografiya vremeni ikh obrazovaniya (Petrography of the Triassic Formations of South Primorye and the Paleogeography at the Time of Their Development) Moscow, Izd-vo AN SSSR, 1959. 82 p. Errata slip inserted. 1,500 copies printed.
- Sponsoring Agency: Akademiya nauk SSSR. Institut nefti. Laboratoriya paleogeografii.
- Ed.: S.G. Sarkisyan; Ed. of Publishing House: G.A. Shapovalova; Tech. Ed.: [no initial] Kuz'min and Ye.V. Makuni.
- PURPOSE: This monograph is intended for geologists interested in the lithology, petrography, and stratigraphy of Southern Primor'ye.
- COVERAGE: This work describes the lithological characteristics of cross-sections of the Triassic formations of Southern Primor'ye

Card 1/2

KORZH, Mikhail Vasil yevich: SARKISYAN, S.G., prof., otv.red.; SHAPOVALOVA, G.A., red.isd-va; KUZ'MIN, tekhn.red.; MAKUNI, Ye.V., tekhn.red.

[Petrography of Triansic sediments in the southern Maritime Territory and the paleogeography of the time of its formation] Petrografiia triasovykh otlozhenii IUzhnogo Primor'ia i paleogeografiia vremeni ikh obrazovaniia. Moskva. Izd-vo Akad.nauk SSSR. 1959. 82 p. (MIRA 12:4)

(Maritime Territory--Petrology)
(Maritime Territory--Paleogeography)

KORZH, M.V.

Lithological characteristics of Triassic sediments in the southern Maritime Territory. Trudy DVFAN SSSR. Ser.geol. 6:5-58 '60. (MIRA 13:11)

1. Institut nefti AN SSSR.

(Maritime territory--Petrology)

KOUL, M. [Cole, M.]; KORZH, N.; KELLER, L.

Probability learning in long training. Vop. psikhol. 11 no.2: 75-78 Mr-Ap '65. (MIRA 18:6)

1. Kafedra psikhologii Moskovskogo gosudarstvennogo universiteta

i Indianskogo universiteta, SShA.

KCRZH, F. A.

Electric Substations; Electric Insulators and Insulation

Performance of insulators in a strongly polluted 38 KV open substation. Elek. sta. 23, No. 4, 1952 Inzh.

SO: Monthly List of Russian Accessions, Library of Congress, _

1953, Uncl.

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825020005-9"

KORZH, N.A., inchener.

Inspection of powerful transformers of hydroelectric power stations without the removal of the core. Energetik 1 no.2:4-5 Jl '53. (MLRA 6:8)

(Electric transformers-Testing)

1. KORZE, N.A.

2. USSR (600)

4. Electric Switchgear

7. Vibration of the main switchboard panel, Eng. Elek.sta. 24 no. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

AUTHOR: Korzh, N.A., Engineer S0V/91-58-12-14/20

TITLE: Deep-Placed Ground Electrodes (Glubinnyye zazemliteli)

PERIODICAL: Energetik, 1958, Nr 12, pp 22-23 (USSR)

ABSTRACT: In constructing a substation $(110/35/6 \text{ kV}, \text{ capacity } 2 \times 15,000 \text{ kVA})$ technicians rejected the original design,

according to which a poorly conducting earth layer (1 to 1.5 m deep) had first to be removed to give room to 136 standard-type ground electrodes, and adopted another system. With the help of a mining drill they rammed sixteen 8-m long, 89 mm in diameter electrodes into the well-conducting layer of clay at a depth of 6 to 8 meters. The upper ends of the electrodes were at a depth of 0.8 m and were interconnected through a trench by a 40 x 4 mm steel strap. The advantages of the new system are: stability of the resistance to the current flow-off; constant humidity; good conductivity of the ground; 70 % lower construction costs. The total resistance to flow-off of the grounding network consisting of 10 electrodes was 0.18 ohm. The editor's note reads that -

Card 1/2

Deep-Placed Ground Electrodes

SOV/91-58-12-14/20

to ensure potential balance throughout the premises of the substation, it is necessary to lay a steel-band network everywhere the substation's equipment is installed. There is 1 profile.

Card 2/2

Grounding devices of the electrical systems of hydraulic engineering structures. Elek. sta. 33 no.4:35-39 Ap '62. (MIRA 15:7)
(Hydroelectric power stations)
(Electric currents—Grounding)

Concerning the repudiation of the necessity to install artificial grounding systems in hydroelectric power stations.

Energetik 10 no.6:25-27 Je '62. (MIRA 16:3)

(Hydroelectric power stations)

Electric currents—Grounding)

**Richtrical equipment of electric power plants and substations* by L.N. Baptidanova, V.I. Tarasova. Reviewed by N.A. Korah. Izv.vys.ucheb.sav.; energ. 6 no.1:119-122 Ja '63. (MIRA 16:2) 1. Ukrainskiy zaochnyy politekhnicheskiy institut. (Electric power plants—Electric equipment) (Electric substations—Electric equipment) (Baptidanova, L.N.) (Tarasova, V.I.)

KORZH, N.A., inzh.

Concerning V.P. Brimerberg's article "Use of the framework of a hydroelectric power station as a grounding system." Elek. sta.
34 no.6:87-88 Je '63. (MIRA 16:9)
(Electric currents—Greunding)
(Electric currents—Greunding)
(Erimertag. V.P.)

(MIRA 13:12)

Study of the state of the electrical activity of the brain in school children before and after school work. Pediatriia 38 no.69

77-81 Je '60.

(BRAIN)

PRATUSEVICH, Yu.M., kand.med.nauk; KORZH, N.N.

Changes in the electrical activity of the brain in children after school lessons. Gig.i san. 26 no.1:44-50 Ja '61. (MIRA 14:6)

1. Iz fiziologicheskoy laboratorii kafedry pediatrii TSentral'nogo instituta usovershenstvovaniya vrachey.

(ELECTROERCEPHALOGRAPHY) (SCHOOL CHILDREN)

(FATIGUE, MENTAL)

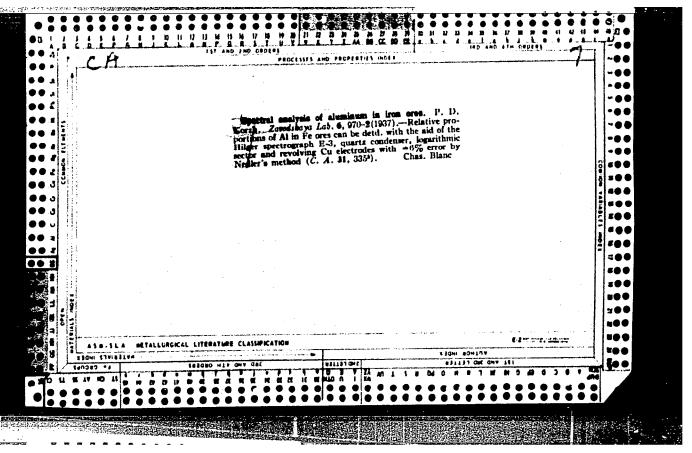
KORZH, N.N.

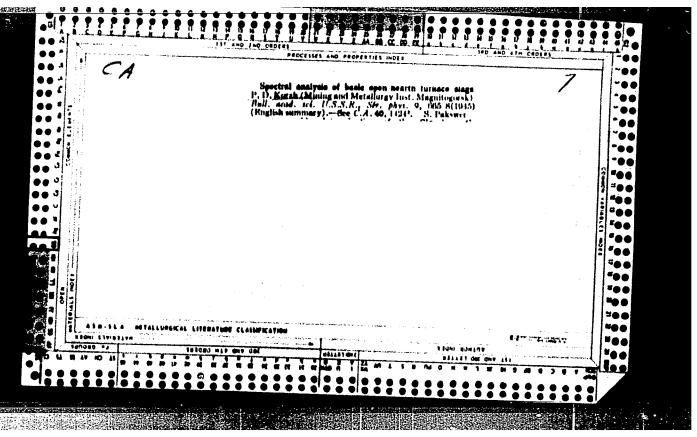
Aftereffect in determining the absolute threshold of the sensitivity of visual analyzer. Vop. psikhol. 9 no.6:85-92 N-D '63.

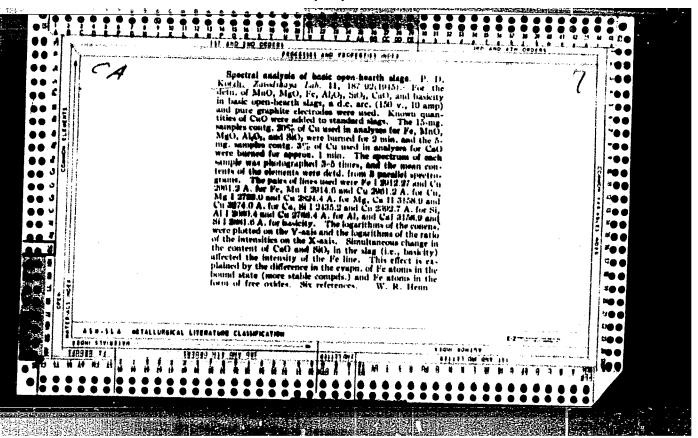
(MIRA 17:4)

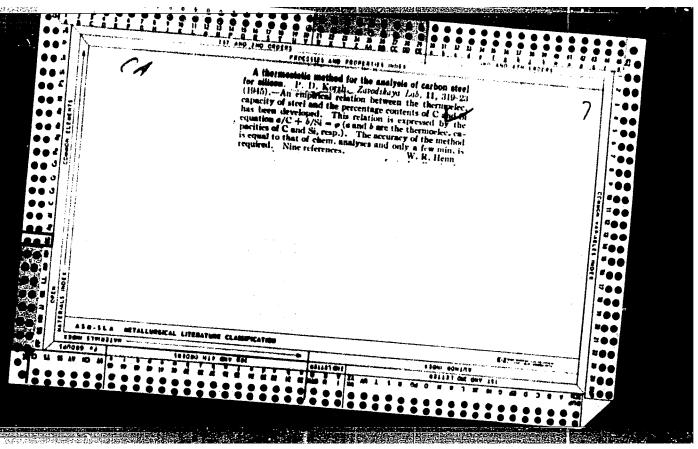
1. Kafedra psikhologii Moskovskogo gosudarstvennogo universiteta.

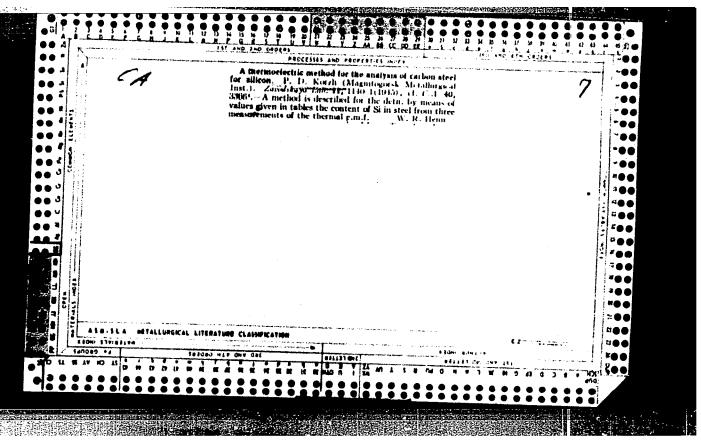
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AUTHOR: Sagar (Engineer)	da, A. A. (Enginee	r); G <u>oretskiy, I</u>	M. Ye. (Enginee	r); Korzh. N. Ya.	37
ORG: None		, 5	6	V	3
TITLE: Use of steel	synthetic diamond	s for precision	finishing bear:	ing rings made from	n hard
SOURCE: Tekhn	ologiya i organiza	tsiya proizvodst	va, no. 3, 1960	6, 62-63	
ABSTRACT: The mond blocks for emery cloth me give a clean suffinishing does 10 µ of metal, a factor of 5-Fourth State But a block to stude. A table	authors compare to reprecision finish thod has many disacurface and uses on not have these disproduces a true seed. All polishing the earing Plant at rimachined surface produced in the compact of the c	the use of mery ing EI347 heat reduced it does carat of diamons advantages. It urface within ±1 was carried out the rotations of ressure of 10-16 se using both met	cloth with ASM resistant steel les not remove ends for ten ring produces clear under the produces on machine tool 50-70 m/min, 70 kg cm ² and a 3 chods. The resu	anical metal remove 28 diamond paste to bearing races. The enough metal, does ngs. Diamond block n surfaces, removes diamond consumption ls produced by the 100-800 block vibrat 3-5 mm vibration am alts show that the	o dia- ne not not no by
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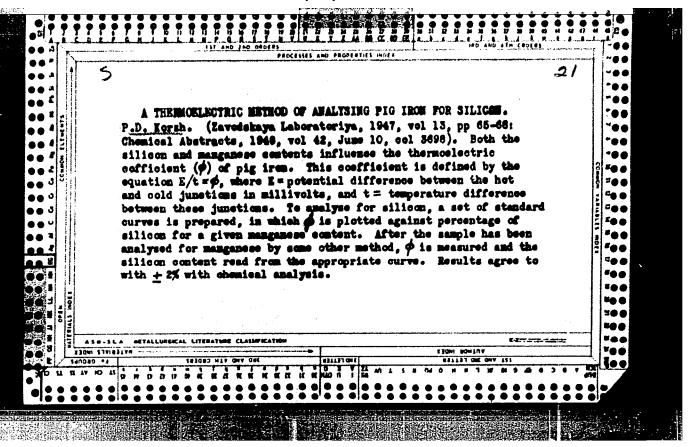


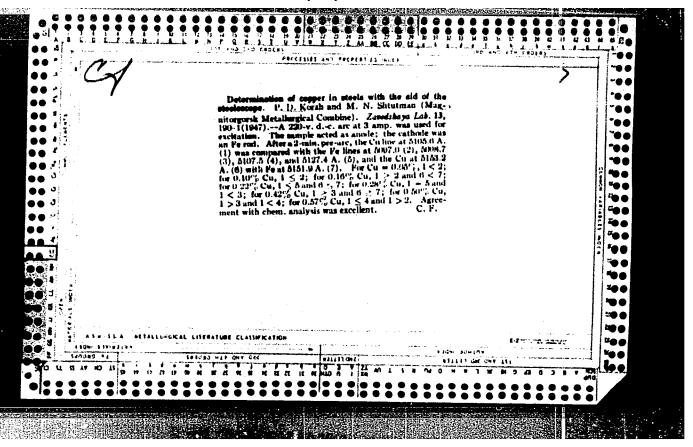


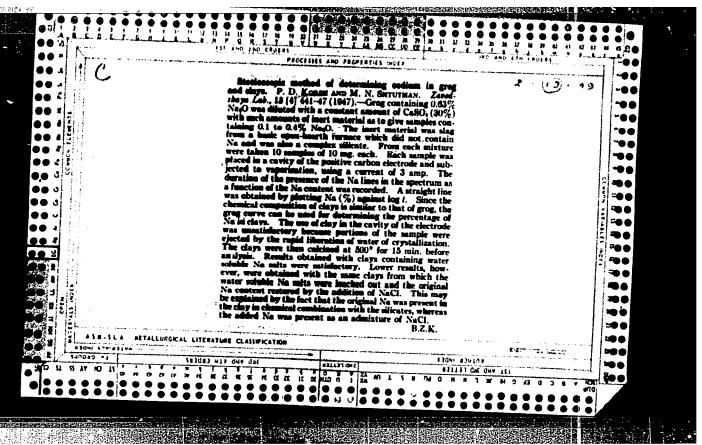












WSER/Chemistry-Iron Alloys, Silicon Feb &8

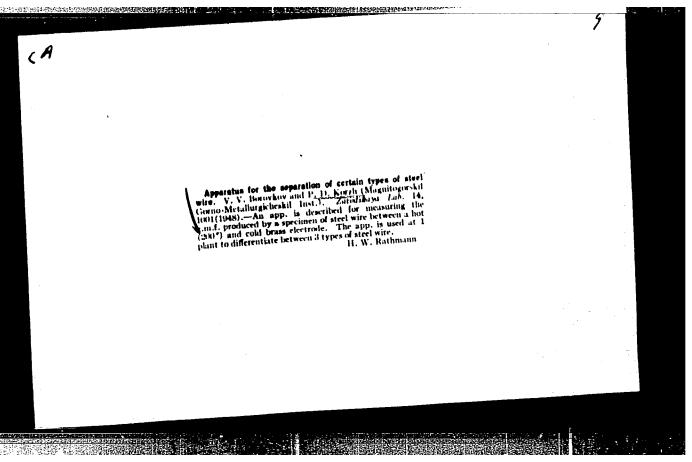
Determination in
Chemistry-Analysis

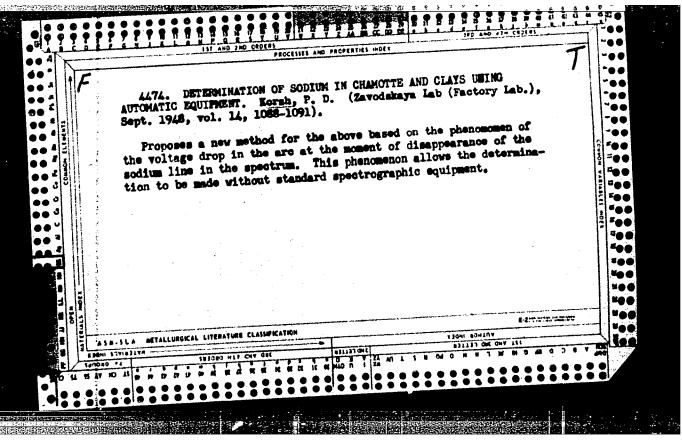
"Thermoelectric Method of Classifying Ferrosilicons,"
P. D. Korzh, Magnitogorsk Mining and Metal Inst,
5½ PP

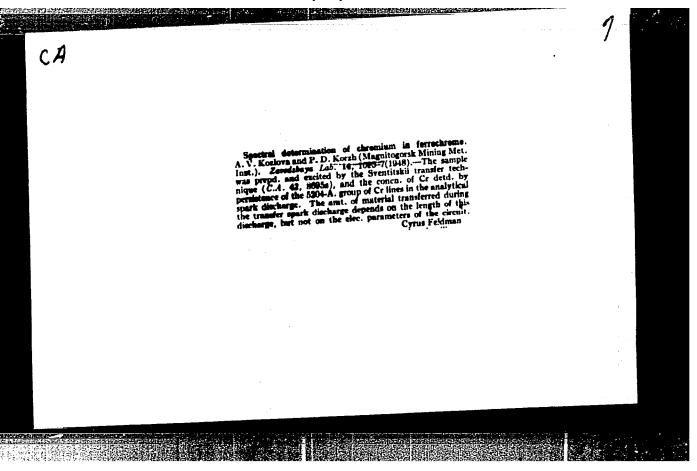
"Zavod Iab" Vol XIV, No 2

Describes special self-contained apparatus for determining thermoelectric MF of ferrosilicon specimens as a method for estimating silicon content.
Method was checked by analysis in factory laboratory.

*/4979

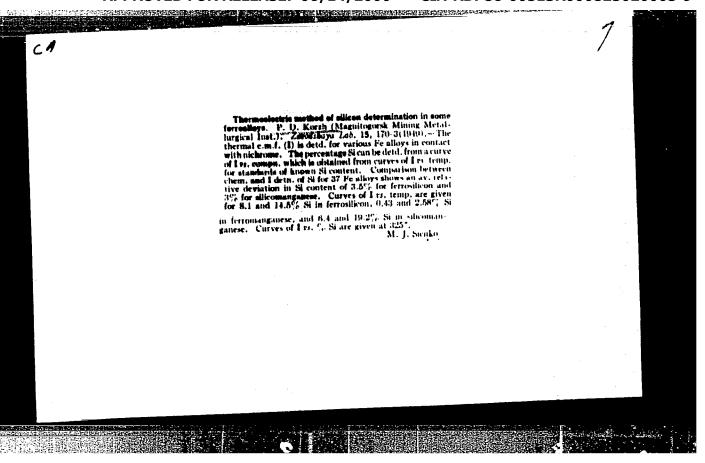






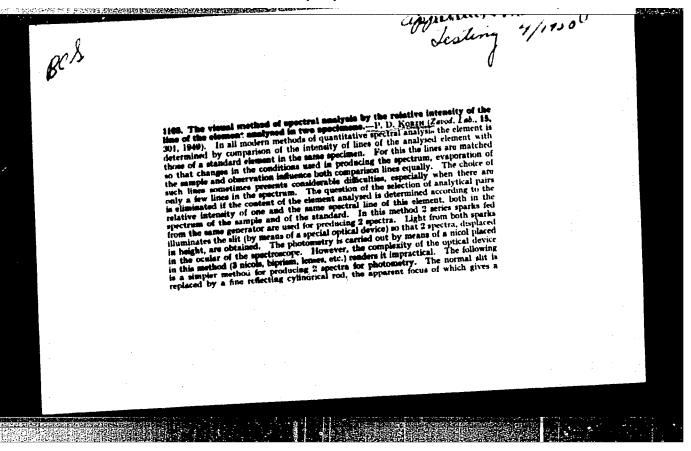
KORZH, P.D., KOZLOVA, A.V.- Spektral'nyy metod analiza nekotorykh ferrosplavov na kremniy i khrom. Zavodskaya laboratoriya, 1949, No. 3, s. 937-39.

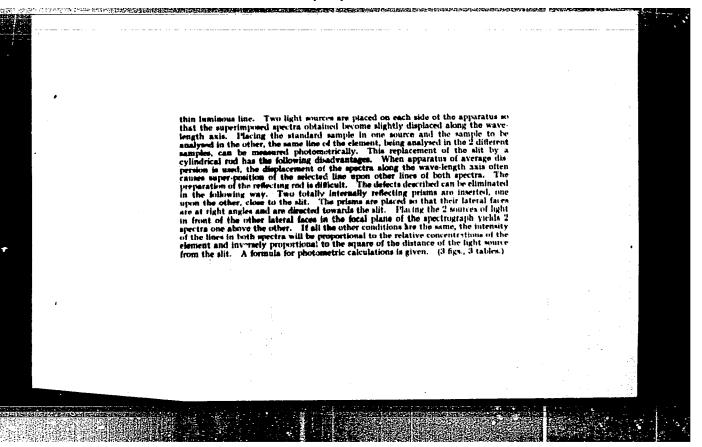
S0: Letopis'Zhurnal'nykh Statey, Vol. 36, 1949.

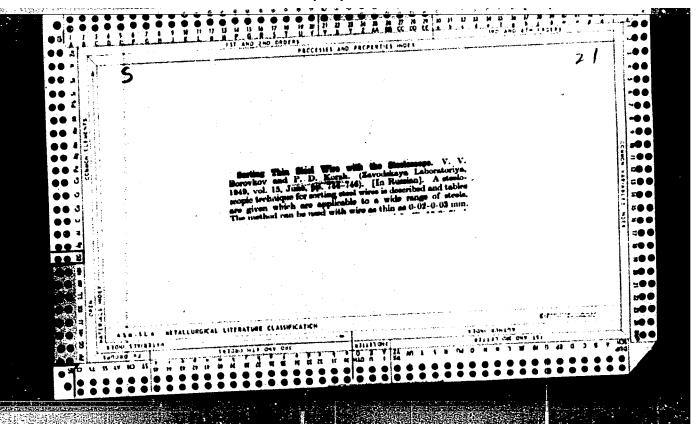


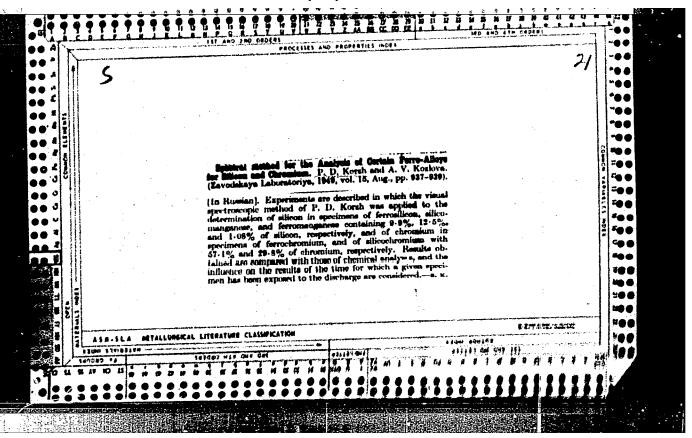
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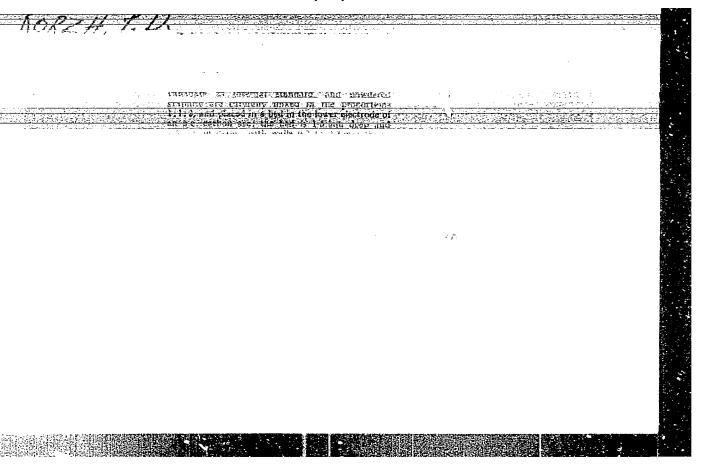


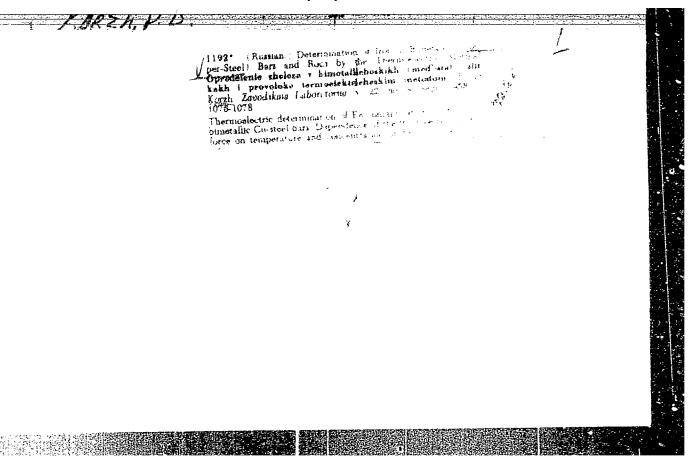






KORZH, P. D		electron oxidation: mold convective diffusion of considers possible to cont of materials by selection operating conditions. Recoperating	ussm/Electricity - Arc Discharge (Contd)	Variation in spectral intensity and relative line intensity proves irregular exchange of materials by tween electrodes during arc discharge. V. F. Smir nov("Zhur Tekh Fiz" VII, 15 1937) V. K. Prokof'yev nov("Zhuk Mauk USSR, Ser Fiz" XII, 4 1948) and L. N. Fillmonov ("Zavod Lab, XV, 6, 1947) considered materials transferred from cathode to anode. Author	"Zhur Tekh Fiz" Vol XXII, No 2, pp 227-237	USSR/Electricity - Arc Discharge Feb "Process of Oxidation and Transfer, Occurring in- Metallic Electrodes During a DC Arc Discharge," V Borovkov, P. D. Korzh	
	20 91 52	nol diffusion of reacting control and ion of elec- Received	209152 Peb 52	tive line saterials be- V. F. Smir- Prokof'yev and L. N. sidered ma- sidered ma-		Feb 52 16 in . 3e," V. V.	





KORZH, P.D.

SOV/137-58-8-18082

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 8, p 268 (USSR)

AUTHOR: Korzh, P. D.

TITLE: The Thermoelectric Method of Separation of Chromium-aluminum

Steels According to Types (Termoelektricheskiy metod razdeleniya

khromo-alyuminiyevykh staley po markam)

PERIODICAL: Sb. nauchn. tr. Magnitogorskiy gornometallurg. in-t, 1957,

Nr 13, pp 12-15

ABSTRACT: The application of the thermoelectric method for the separation of three types of Cr - Al Steels, namely, Khl3Yu4, Khl7Yu5, and Kh25Yu5, is examined. The temperature range is deter-

mined in which the difference in the thermo-e.m.f. is the greatest (200 - 250°C). In relation to the Cu standard specimen at 200°, the values for the thermo-e.m.f. are 0.05 - 0.15;

0.35 - 0.45, and 0.65 - 0.80 mv, respectively.

1. Aluminum-chromium steel-Classifications

R. O.

2. Aluminum-chromium steel-Temperature factors

3. Aluminum-Chromium steel-Electrical properties

Card 1/1

SOV/137-58-8-18157

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 8, p 279 (USSR)

AUTHORS: Korzh, P. D., Kozlova, A. V.

TITLE: Spectroscopic Method for the Analysis of Ferromolybdenum With

the Aid of the Electric Spark Transfer (Spektral'nyy metod

analiza ferromolibdena pri pomoshchi elektroiskrovogo perenosa)

PERIODICAL: Sb. nauchn. tr. Magnitogorskiy gornometallurg. in-t, 1957,

Nr 13, pp 16-21

ABSTRACT: The visual method of determination of Mo in Fe-Mo is described, which is based on the phenomenon of electric erosion,

consisting in the transfer of the material of the electrodes from one to the other by the action of the electric discharge. The specimen analyzed serves as one of these electrodes, a Cu rod serves as the other. The distance between them during the transfer is 0.1 mm. The Mo line of 6030 angstrom was observed with the aid of a SL-3 type styloscope. The time from the moment of the switching on of the spark (after the

completion of the transfer and the substitution of the sample analyzed by another electrode) to the disappearance of the

Card 1/2 line indicated was measured. It is demonstrated that a

SOV/137-59-1-2119

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 277 (USSR)

AUTHOR: Korzh, P. D.

TITLE: Oxidation and Transfer of Material Between Metallic Electrodes

(Copper and Steel) in a Direct-current Arc. [Okisleniye i perenos materiala mezhdu metallicheskimi elektrodami (med' i stal') v duge

postoyannogo toka]

PERIODICAL: Sb. nauchn. tr. Magnitogorskiy gornometallurg. in-t, 1958, Nr

16, pp 113-131

ABSTRACT: A study was made of the transfer (T) of material during the burning

of a direct current arc between Cu and steel electrodes (steel grades 10 and U8). The cylindrical electrodes (E) with flat ends were 6-8

mm in diam and 200 mm long, and the distance between them was 2.5 mm. E were placed horizontally. With a steel rod as the cathode

the current intensity was 5 amps and burning time changed to 7 min. In this case the oxidation processes, in the main, occurred on the

steel E only. T of material proceeded from the steel E onto the Cu E.

Entry of Cu into the plasma of the arc discharge practically ceased after 7 min with Nr-10 steel as the cathode. With steel as the anode

Card 1/2

SOV/137-59-1-2119

Oxidation and Transfer of Material Between Metallic Electrodes (cont.)

greater oxidation and growth of an oxide deposit on the anode were observed, the material being transferred from the steel onto the Cu. The picture changed sharply with the change in the diameter of the E; however, the sense of the T remained the same. Anodic pulverization and T were decisive factors in the formation of oxide deposits. It was concluded that by means of a suitable selection of the discharge conditions, the diameter of E, burning time and other parameters of the arc the direction of T of the E material into the arc plasma may be regulated and that by means of a suitable selection of E and parameters of the arc the intake of the element from the E insert can be stopped completely and therefore, the lines of this electrode in the spectrum can be extinguished.

Card 2/2

SOV/137-59-1-2109

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 276 (USSR)

AUTHORS: Korzh, P.D., Kozlova, A. V.

TITLE: Spectroscopic Determination of Manganese and Silicon in Iron Alloys

(Spektral'noye opredeleniye margantsa i kremniya v ferrosplavakh)

PERIODICAL: Sb. nauchn. tr. Magnitogorskiy gornometallurg. in-t, 1958, Nr 16, pp 132-136

ABSTRACT: The analyzed test samples differed by the alloy base and the wide range of variation in the amount of their third component (Fe). The photographing of the spectrum was carried out short of the complete

burning out of the mixtures from the pit of the electrode and was interrupted at a certain time after the beginning of burning of the arc. It was established that the dilution of the specimen with graphite powder does not ensure a uniform feed of the elements into the arc flame. The powders of all the components of the mixture

the arc flame. The powders of all the components of the mixture should be sufficiently fine, ground to ≤ 300 mesh. The photographing was carried out in an alternating-current arc produced by a

PS-39 generator. The lower and upper electrodes are ground to shape in a special manner. The spectra were photographed on the

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SOV/137-59-1-2109

Spectroscopic Determination of Manganese and Silicon in Iron Alloys

ISP-22 spectrograph. The photometry was performed on the MF-2 microphotometer. The spectrum of each mixture was photographed three times. In the analysis for Mn and Si the analytical pairs of Mn 2939/Cu 2824 and Si 2881/Cu 3036 angstrom, respectively, were used.

v.s.

Card 2/2

AUTHORS:

Korzh, P.D., Yershova, A.P.

32-1-18/55

TITLE:

A Thermoelectric Method of Determining Carbon in Steel During Smelting (Termoelektricheskiy metod opredeleniya ugleroda v stali

po khodu plavki).

PERIODICAL:

Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 1, pp. 41-43 (USSR)

de alivedi Leveli 16 a 196

ABSTRACT:

In the introduction to this paper it is said that in the course of steel casting the carbon content may be variable, which may also cause fluctuations of the thermoelectromotive force of the melt. It is therefore of importance to study the changes of the thermoelectromotive force in steel during the process of melting as well as during the process of hardening. The following conditions must be satisfied when selecting the manner of hardening: 1.) Hardening must be carried out in a uniform manner over the entire surface of the sample. 2.) Hardening must take place already in the course of casting. 3.) Temperature conditions during the hardening process must not change. The most useful way of taking samples was that which was carried out by means of a device described here (fig. 1). Measuring of the thermoelectromotive force in hardened steel samples was carried out with a device which is described as follows:

Card 1/2

A Thermoelectric Method of Determining Carbon in Steel During Smelting

32-1-18/55

On a marble base a cylindrical copper electrode is fastened, which has a medge-shaped incision in its upper part. The lower part of this electrode is in an electric heater. To the upper part of the electrode the soldered joints of a thermocouple are connected, and parallel to this an iron wire was arranged for purposes of comparison. The sample is placed upon the incision of the "hot electrode", and above it the second or "cold electrode" is placed. This "cold electrode" is fastened to a lever and filed to a wedge-like shape in its lower part (in the direction of the sample). In order to increase pressure the lever has a weight at its free end. The following devices are connected with this apparatus: A galvanometer, a potentiometer, an ammeter, and a rheostat (resistance). Determinations carried out by this method take 2-3 minutes. They are particularly recommended for open-hearth plants. There are 3 figures.

ASSOCIATION: Magnitogorsk Institute for Mining and Metallurgy (Magnitogorskiy gorno-metallurgicheskiy institut).

AVAILABLE:

Library of Congress

Card 2/2

1. Carbon-Determination 2. Instrumentation

MORZH, P.D.

Determination of chromium in chrome-aluminum steels from e.m.f. values. Zav.lab. no.11:1342-1344 '59. (MIRA 13:4)

1. Magnitogorabiy gorno-metallurqicheskiy institut. (Chrome-aluminum steel) (Chromium-- Analysis)

34728

S/137/62/000/002/144/144 A052/A101

5 5400

AUTHORS:

Korzh, P. D., Gulyayeva, G. P.

TITLE:

The thermoelectric method of determining Sb in Pb-Sb alloys

PERIODICAL:

Referativnyy zhurnal, Metallurgiya, no. 2, 1962, 14, abstract 2K69 ("Sb. nauchn. tr. Magnitogorskiy gornometallurg. in-t", no. 23,

1961, 12-19)

TEXT: The thermoelectric method of determining Sb in Pb-Sb alloys is described. The method is based on measuring the relation between the thermoelectromotive force and Sb concentration. Three methods of contacting samples with a comparison element were tried. 1) Sn soldering, 2) a contact by means of mechanical clamps, 3) a contact through a molten metal. By the third method the alloy sample and the comparison element were submerged, with one end, into a molten Wood's alloy. The thermoelectromotive force of Pb-Sb samples was measured on the NOTTB -1 (PPTV-1) direct current potentiometer by the compensation method. Bi was used as comparison element. The Sb content was studied in binary alloys containing 4.7 - 8.5% Sb. The calibration curve is plotted as follows: one junction formed by the sample and Bi electrode was heated in

Card 1/2

S/137/62/000/002/139/144 A052/A101

AUTHOR:

Korzh, P. D.

TITLE:

FEFIODICAL:

The thermoelectric method of determining carbon in carbon steels

Referativnyy zhurnal, Metallurgiya, no. 2, 1962, 7, abstract 2K32

("Sb. nauchn. tr. Magnitogorskiy gornometallurg in-t", 1961, no.23,

20-44)

The application of the thermoelectric method to the determination of carbon in y 7 - y 12 (U7 - U12) steel grades is discussed. At the phase conversions in alloys the thermoelectromotive force changes sharply its value and sometimes its sign. To determine the changes mentioned a device has been designed which secures junctions between the tested sample and the comparison element. The tested sample 0.8 - 4 mm in diameter is placed in V-shaped notches of the hot and cold electrodes. The hot electrode, a C-rod with a V-shaped notch in the upper part is placed in the electric furnace housing. The cold electrode, also a C-rod is insulated against the base by an asbestos gasket and against the hot electrode by a thermoinsulating partition. The heating furnace has 4 duties. The conditions for hardening the samples are selected and the technology of all

Card 1/2

S/032/61/027/003/013/025 B101/B203

AUTHORS:

Korzh. P. D. and Pererva, V. Ye.

TITLE:

Spectroscopic method of determining niobium and zirconium

in ores, concentrates, and tails

PERIODICAL:

Zavodskaya laboratoriya, v. 27, no. 3, 1961, 311-312

TEXT: The authors studied ores, concentrates, and tails in the form of powders of the same size. The concentration range of Nb₂O₅ was 0.01-10%, that of ZrO₂ was 0.01-12%. The samples were not chemically pretreated.

The ore was mixed with an internal standard (molybdenum oxide) diluted with carbon powder. Ratic internal standard ore carbon = 1:5:7. The mixture was filled into the crater of a carbon electrode and analyzed in the a.c. arc. The carbon powder increased the temperature of the electrode, and prevented the fractional transfer of elements into the plasma. The temperature was also increased by the shape of the electrode: the end had the form of a cylinder 2.5 mm in diameter, in which there was a 3 mm deep crater 2 mm in diameter, (wall thickness of the crater 0.2-0.25 mm).

Card 1/3

S/032/61/027/003/013/025 B101/B203

Spectroscopic method of ...

The counterelectrode used was a carbon rod, 6 mm in diameter, whose top was of conical frustum of the same area as that of the crater. The spectrum was taken with an MCN-22 (ISP-22) spectrograph, exposure time 2.5 min. The current source was a A F-2 (DG-2) generator, 9 a. The analysis was made by the method of homolog pairs described by the first author (Ref. 2: P. D. Korzh, Zavodskaya laboratoriya, XX.8.949 (1954)). This method permits an analysis without photographing the spectrum of the standards on each plate. The calibration curves were plotted by means of synthetic samples of internal standards, miobium oxides, empty rock, and graphite powder. Table ! gives the analytical results and the concentrations at which the lines of the element to be determined and of the internal standard were equally blackened. The root mean square error was 0.1-0.6%, as against 11.4% indicated by V. V. Nedler (Ref. 3: Zavodskaya laboratoriya, XXIII, 11,2336 (1957)). The reduction of error is explained by the particular shape of the electrode which ensures a higher temperature of samples and a uniform entry of their vapors into the plasma. The method described is used to control the concentration of ores. [Abstracter's note: Essentially complete translation. There are 2 figures and 3 references: 2 Soviet-bloc and 1 non-Soviet-bloc.

Card 2/3

Thermoelectric method of determining carbon in carbon steels.

Zav.lab. 27 no.8:996-998 '61. (MIRA 14:7)

1. Magnitogorskiy gorno-metallurgicheskiy institut.

(Steel--Analysis) (Carbon--Analysis)